

ECS/EMD Configuration Change Request

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Page(s)

1. Originator Danny Huang	2. Log Date: 01/23/04	3. CCR #: 04-0055	4. Rev: —	5. Tel: 301 9250837	6. Rm #: 3014C	7. Org. COTS/SW
8. CCR Title: Re-Installation of Tomcat 4.1.24 in PVC/VATC.						
9. Originator Signature/Date Danny Huang /s/ 1/23/04			10. Class IN	11. Type: CCR	12. Need Date: 01/30/04	
13. CCR Sponsor Signature/Date Pamela Johnson /s/ 1/23/04			14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): No change to B/L Docs.			17. Schedule Impact: N/A		18. CI(s) Affected:DPL	
19. Release Affected by this Change: 6A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: P3 Task: DSMGTX776						
23. Problem: (use additional Sheets if necessary) Tomcat 4.1.24 in PVC/VATC, was installed in PVC/VATC. But the configuration files have had to adjusted during the subsequent Synergy IV DPL custom code testing in PVC. A new Tomcat 4.1.24 package has been built and needs to be installed in order to demonstrate it is correct.						
24. Proposed Solution: (use additional sheets if necessary) Remove the current Tomcat 4.1.24 in PVC/VATC and install the new Tomcat 4.1.24 package using attached installation instructions. The new package, jakarta_tomcat_4.1.24.tar.gz (cksum: 1043807723, size: 7221177), is under /data0/CM_INBOX/ on lemmings. The installation path is /usr/ecs/OPS/COTS/tomcat-4.1.24_datpool on p2dps01 and t1mss06. Also, the COTS test driver, Tserv, is needed to be installed in webapps in Tomcat4 after Tomcat 4.1.24 installation. Use tserv_for_tomcat4.tar (cksum: 4216078530, size: 2792448) for Tserv installation. The file is located in /date0/CM_INBOX on lemmings. See the details in ECO.						
25. Alternate Solution: (use additional sheets if necessary) None						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) The current Tomcat configuration does not support Synergy IV -- won't be able to support new Data Pool capabilities.						
27. Justification for Emergency (If Block 15 is "Emergency"): Tomcat 4.1.24 update schedule will be impacted.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date): Byron V. Peters /s/ 1/23/04			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: 04-0055 **Rev: — Originator:** Danny Huang

Telephone: 301 925 0837 **Office:** 3014C

Title of Change: Re-Installation of Tomcat 4.1.24 in PVC/VATC

Tomcat 4.1.24 Installation Instructions:

1.1 Prerequisites:

- JRE 1.4.1 on the target Data Pool SUN machines.
- Apache on the target Data Pool SUN machines.
- The delivery tar file, jakarta_tomcat_4.1.24.tar.gz, has been placed in a staging directory accessible by the Data Pool machine
- Estimated Installation Time: 30 minutes for a novice operator.

1.2 Uninstall Instructions

Remove the current Tomcat 4.1.24 by executing the commands in 1.3.1, Unpack the delivering tar file. Then, executing the commands in 1.5, Back-Out Instructions.

1.3 Installation Instructions

The following instructions install tomcat 4.1.24 at /usr/ecs/OPS/COTS/tomcat-4.1.24_datapool. They also install script, tomcat4_datapool_OPS, for starting up and shutting down it.

Executed the following command as root:

1.3.1. Unpack the delivering tar file

```
# cd /<stagingdir>
# gunzip -c jakarta_tomcat_4.1.24.tar.gz | tar xvf -
This will create a subdirectory called "install/tomcat-4.1.24_datapool".
```

1.3.2. Install tomcat 4.1.24:

```
# cd install/tomcat-4.1.24_datapool
# ./install_tomcat4.sh
```

This will install tomcat 4.1.24 under /usr/ecs/OPS/COTS/tomcat-4.1.24_datapool/. Also, tomcat startup/shutdown script, tomcat4_datapool_OPS, will be installed under /etc/init.d/.

1.4 Interrogation Checkout

```
# /usr/bin/cat /usr/ecs/OPS/COTS/tomcat-4.1.24_datapool/RELEASE-NOTES-4.1.txt | grep "Tomcat Version"
It returns: "Apache Tomcat Version 4.1".
```

1.5 Back-Out Instructions

To remove tomcat 4.1.24, run the "uninstall_tomcat4.sh" script provided in the staging directory.

```
# cd <stagingdir>/ install/tomcat-4.1.24_datapool
# ./uninstall_tomcat4.sh
```

It deletes tomcat-4.1.24_datapool from /usr/ecs/OPS/COTS/ and tomcat4_datapool_OPS from /etc/init.d.